

WHAT IS CLAIMED IS:

1. A method of recovering concrete from a chute of a cement mixer, comprising:

attaching a collector to the discharge end of the chute;

attaching a conduit between the collector and a container;

washing the chute with a liquid to form a concrete slurry; and

wherein the concrete slurry exits the discharge end of the chute and flows through the conduit into the collector.
2. A method of recovering concrete as recited in claim 1, wherein the collector includes a chute extension.
3. A method of recovering concrete as recited in claim 2, further including removably attaching a filter basket within the chute extension for collecting particulates therein.
4. A method of recovering concrete as recited in claim 2, further including pivotally attaching the chute extension to the discharge end of the chute wherein the chute extension may be pivoted to discharge particulates stored therein.
5. A method of recovering concrete as recited in claim 1, further including:

supporting a bag via a bag holder and disposing the bag holder into another container; and

dispensing the particulates from the collector into the bag.
6. A method of recovering concrete as recited in claim 1, further including suctioning concrete slurry from the ground into the collector.
7. A method of recovering concrete from a chute of a cement mixer, comprising:

collecting a concrete slurry from the chute into a collector;

discharging the concrete slurry from the collector into a conduit; and

discharging the concrete slurry from the conduit into a container for subsequent concrete recovery.

8. A method of recovering concrete as recited in claim 7, further including separating particulates from the concrete slurry.
9. A method of recovering concrete as recited in claim 8, further including swinging the collector upwardly to discharge particulates stored therein.
10. A method of recovering concrete as recited in claim 7, further including scraping excess concrete from the chute.
11. A method of recovering concrete as recited in claim 7, further including suctioning concrete slurry from the ground into the collector.
12. A concrete recovery system for recovering concrete from a chute of a cement mixer, comprising:

a collector having an attachment means for attaching to the chute and for collecting a residue therefrom;

a container for storing the collected residue; and

a conduit coupled in fluid communication between the collector and the container for transferring the residue collected in the collector to the container for subsequent concrete recovery.

13. A system for recovering concrete as recited in claim 12, wherein the collector further includes a chute extension.

1556-204

14. A system for recovering concrete as recited in claim 13, further including a filter basket mounted within the chute extension for collecting particulates from the residue.
15. A system for recovering concrete as recited in claim 13, wherein the chute extension is pivotally attached to the discharge end of the chute, wherein the chute extension may be subsequently pivoted upwardly to discharge particulates stored therein.
16. A system for recovering concrete as recited in claim 12, further including a concrete chute scraper for scraping excess residue from the chute.
17. A system for recovering concrete as recited in claim 12, further including a concrete fracturing device for fracturing hardened concrete in the chute.
18. A system for recovering concrete as recited in claim 12, further including:
 - a bag holder;
 - a bag supported via the bag holder;
 - an additional container for housing the bag supported by the bag holder;and
 - wherein particulates from the collector may be dispensed into the bag.
19. A system for recovering concrete as recited in claim 12, wherein the collector further includes an outlet port in fluid communication with the conduit.
20. A system for recovering concrete as recited in claim 12, wherein the collector further includes a shutoff valve.
21. A system for recovering concrete as recited in claim 12, wherein the container further includes an inlet port in fluid communication with the conduit.

1556-204

22. A system for recovering concrete as recited in claim 12, further including a suction tool detachably connected in fluid communication with the container for suctioning residue from the ground.

23. A suction tool for use with cement mixer trucks having a container mounted thereon, comprising:

a vacuum pump assembly having an inlet and an outlet;

a pickup attachment connected in fluid communication with the inlet; and

a coupling for the outlet for attaching it in fluid communication with a container.